

BENCHMARKS:

BM #1: 80d Spike in West face
of North High Line Pole in
East R/W Tyler Road 1/2
mile of South of 37th Street North.
Elev. = 176.05 City Datum (1363.45 NGVD)

BM #2: "□" Cut Top of Curb on West
side of Pepper Ridge 15'± South
of Northeast Corner Lot 23, Block
5, Forest Lakes West Addition.
Elev. = 157.12 City Datum (1344.52 NGVD)

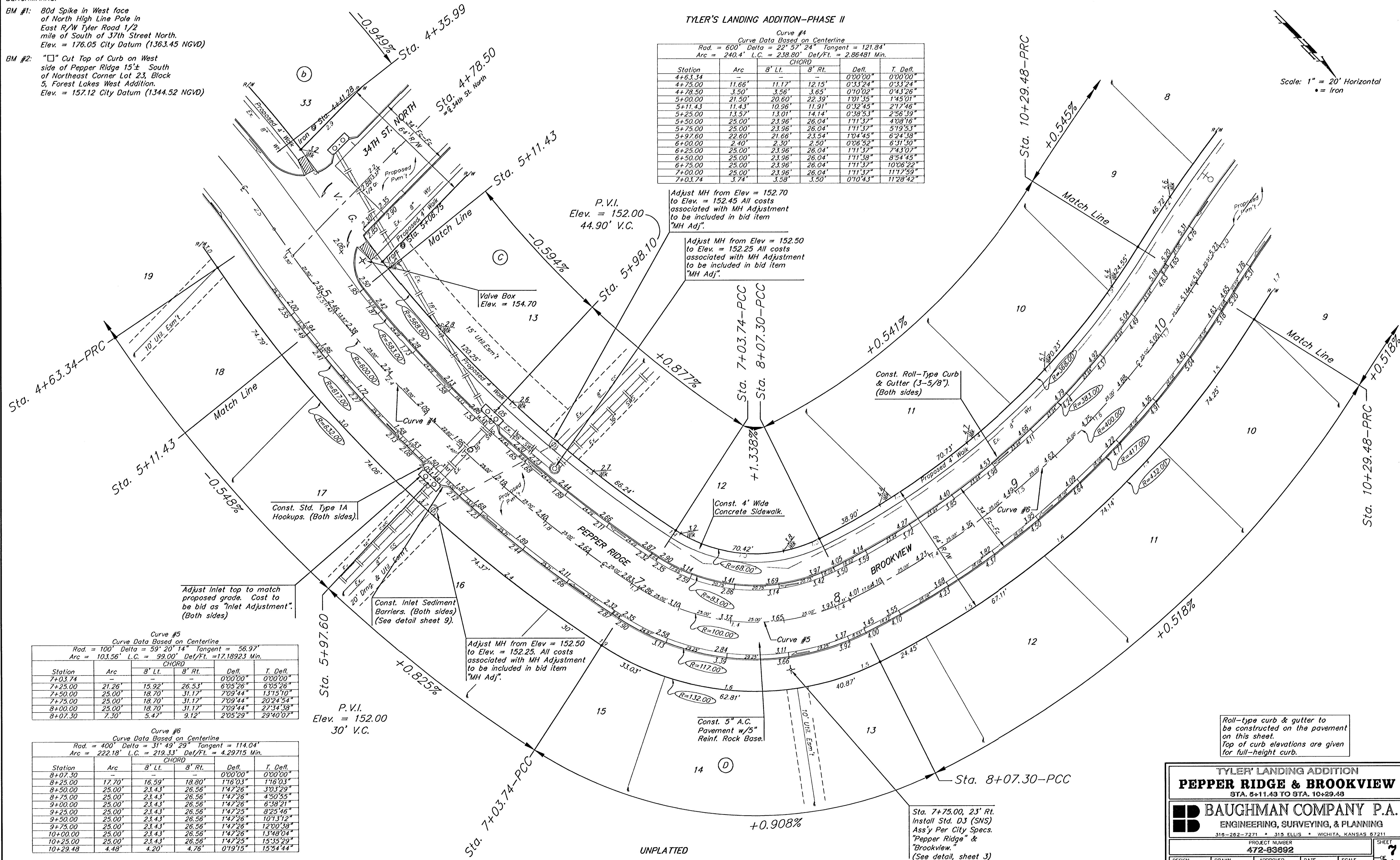
TYLER'S LANDING ADDITION-PHASE II

Curve #4					
Curve Data Based on Centerline					
Rad. = 600' Delta = 22° 57' 24" Tangent = 121.84'					
Arc = 240.4' L.C. = 238.80' Def/Ft. = 2.86481 Min.					
Station	Arc	8' Lt.	8' Rt.	Defl.	T. Defl.
4+63.34	-	-	-	0°00'00"	0°00'00"
4+75.00	11.66'	11.17'	12.15'	0°33'24"	0°33'24"
4+78.50	3.50'	3.56'	3.65'	0°10'02"	0°43'26"
5+00.00	21.50'	20.60'	22.39'	1°01'35"	1°45'01"
5+11.43	11.43'	10.96'	11.91'	0°32'45"	2°17'46"
5+25.00	13.57'	13.01'	14.14'	0°38'53"	2°56'39"
5+50.00	25.00'	23.96'	26.04'	1°11'37"	4°08'16"
5+75.00	25.00'	23.96'	26.04'	1°11'37"	5°19'53"
5+97.60	22.60'	21.66'	23.54'	1°04'45"	6°24'38"
6+00.00	2.40'	2.30'	2.50'	0°06'52"	6°31'30"
6+25.00	25.00'	23.96'	26.04'	1°11'37"	7°43'07"
6+50.00	25.00'	23.96'	26.04'	1°11'37"	8°54'45"
6+75.00	25.00'	23.96'	26.04'	1°11'37"	10°06'22"
7+00.00	25.00'	23.96'	26.04'	1°11'37"	11°17'59"
7+03.74	3.74'	3.58'	3.50'	0°10'43"	11°28'42"

P.V.I.
Elev. = 152.00
44.90' V.C.

Adjust MH from Elev = 152.70
to Elev. = 152.45 All costs
associated with MH Adjustment
to be included in bid item
"MH Adj".

Adjust MH from Elev = 152.50
to Elev. = 152.25 All costs
associated with MH Adjustment
to be included in bid item
"MH Adj".



Scale: 1" = 20' Horizontal
• = Iron

Adjust Inlet top to match
proposed grade. Cost to
be bid as "Inlet Adjustment".
(Both sides)

Const. Inlet Sediment
Barriers. (Both sides)
(See detail sheet 9).

Adjust MH from Elev = 152.50
to Elev. = 152.25. All costs
associated with MH Adjustment
to be included in bid item
"MH Adj".

Const. Roll-Type Curb
& Gutter (3'-5/8").
(Both sides)

Const. 4' Wide
Concrete Sidewalk.

Const. 5" A.C.
Pavement w/5"
Reinf. Rock Base.

Roll-type curb & gutter to
be constructed on the pavement
on this sheet.
Top of curb elevations are given
for full-height curb.

Curve #5
Curve Data Based on Centerline
Rad. = 100' Delta = 59° 20' 14" Tangent = 56.97'
Arc = 103.56' L.C. = 99.00' Def/Ft. = 17.18923 Min.

Station	Arc	8' Lt.	8' Rt.	Defl.	T. Defl.
7+03.74	-	-	-	0°00'00"	0°00'00"
7+25.00	21.26'	15.92'	26.53'	6°05'26"	6°05'26"
7+50.00	25.00'	18.70'	31.17'	7°09'44"	13°15'10"
7+75.00	25.00'	18.70'	31.17'	7°09'44"	20°24'54"
8+00.00	25.00'	18.70'	31.17'	7°09'44"	27°34'38"
8+07.30	7.30'	5.47'	9.12'	2°05'29"	29°40'07"

Curve #6
Curve Data Based on Centerline
Rad. = 400' Delta = 31° 49' 29" Tangent = 114.04'
Arc = 222.18' L.C. = 219.33' Def/Ft. = 4.29715 Min.

Station	Arc	8' Lt.	8' Rt.	Defl.	T. Defl.
8+07.30	-	-	-	0°00'00"	0°00'00"
8+25.00	17.70'	16.59'	18.80'	1°16'03"	1°16'03"
8+50.00	25.00'	23.43'	26.56'	1°47'26"	3°03'29"
8+75.00	25.00'	23.43'	26.56'	1°47'26"	4°50'55"
9+00.00	25.00'	23.43'	26.56'	1°47'26"	6°38'21"
9+25.00	25.00'	23.43'	26.56'	1°47'26"	8°25'46"
9+50.00	25.00'	23.43'	26.56'	1°47'26"	10°13'12"
9+75.00	25.00'	23.43'	26.56'	1°47'26"	12°00'38"
10+00.00	25.00'	23.43'	26.56'	1°47'26"	13°48'04"
10+25.00	25.00'	23.43'	26.56'	1°47'26"	15°35'29"
10+29.48	4.48'	4.20'	4.76'	0°19'15"	15°54'44"

TYLER'S LANDING ADDITION
PEPPER RIDGE & BROOKVIEW
STA. 5+11.43 TO STA. 10+29.48

BAUGHMAN COMPANY P.A.
ENGINEERING, SURVEYING, & PLANNING
315-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

PROJECT NUMBER
472-63692
DESIGN NBW DRAWN CAX APPROVED DATE 6/4/03 SCALE NOTED SHEET 24

Sta. 7+75.00, 23' Rt.
Install Std. D3 (SNS)
Ass'y Per City Specs.
"Pepper Ridge" &
"Brookview."
(See detail, sheet 3)